UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/017,295	02/02/1998	TOSHIAKI IGARASHI	862.2098	8124

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EXAMINER
DINH, DUNG C

ART UNIT	PAPER NUMBER
2152	

DATE MAILED: 02/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/017,295	IGARASHI ET AL.
	Examiner	Art Unit	
	Dung Dinh	2152	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>24 November 2004</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-3,60,62,64-69,74,75,77-79,84,85 and 87-89* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-3,60,62,64-69,74,75,77-79,84,85 and 87-89* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date <u>11/24/04</u>.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

A request for continued examination under 37 CFR 1.114,

including the fee set forth in 37 CFR 1.17(e), was filed in this

application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the

fee set forth in 37 CFR 1.17(e) has been timely paid, the

finality of the previous Office action has been withdrawn

pursuant to 37 CFR 1.114. Applicant's submission filed on

11/24/04 has been entered.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. § 103(a) which
forms the basis for all obviousness rejections set forth in this
Office action:

> *(a) A patent may not be obtained though the invention is
> not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the
> subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been
> obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject
> matter pertains. Patentability shall not be negatived by
> the manner in which the invention was made.*

Claims 1-3, 60, 62, 64-69, 74, 75, 77-79, 84, 85, and 87-

89, are rejected under 35 U.S.C. 103(a) as being unpatentable

over Marlin et al (US 5,778,377) and Chang et al. (US

5,542,040).

As set forth in claim 1, Marlin et al disclose a displaying method of acquiring information related to a selected network device of the plurality of network devices, and displaying acquired information of the selected network device, (Marlin does this on the GUI display, see figs. 5 and 8, col.9 line 65 to col.10 line 3), said method comprising: a first display step of acquiring a first information related to the selected network device and displaying the first information on an initial screen of a device window, which is a window allocated to the selected network device (see col.14 lines 33-34 - data related to a particular printer) and a second display step of acquiring, in response to a user request for display of a second screen a second information which in addition and different from the first information ('Double clicking may be used to invoke another report' see col. 14, lines 54-56), from the selected network device and displaying the second information on the second screen; see col. 15, lines 54-66.

Marlin specifically displays a GUI that contains columns and rows displaying the status of the network devices, these devices are polled and the results are subsequently used to update the status of the devices. Furthermore, each of the menu definitions has a custom menu for each of the functions that can also be displayed and updated; see col. 14, lines 15-41, and

lines 50-66, and col. 15, lines 1-66, also see col. 16, lines

54-63 (here when a browser button is pressed, information for a

selected DMI object will be displayed in a box (window), in

addition description can be gathered for the object though the

GUI), col. 15, lines 54-66.

Marlin does not teach using a device window with first and

second sheets with tabs for switching between the sheets.

However, the usage display window comprising sheets and tabs

metaphor is well known in the art at the time of the invention.

Chang et al. teaches using window comprising sheets and tabs for

displaying of dynamic data. It would have been obvious for one

of ordinary skill in the art to use the sheets and tabs display

metaphor such as one taught by Chang with the display of Marlin

because it would have enabled the system to organize the display

of the dynamically collected into groups that can be efficiently

assessible by the user (see Chang col. 1 lines 45-58, col.2

lines 25-28).

As set forth in claim 2, Marlin et al disclose a network

device control apparatus for acquired information related to a

selected network device of the plurality of network devices, and

displaying acquiring information of the selected network device

(Marlin does this on the GUI display, see tigs. 5 and 8),

comprising: a first display unit for acquiring a first

information related to the selected network device and

displaying the first information on an initial screen of a

device window, which is a window allocated to the selected

network device, (see col.14 lines 33-34 - data related to a

particular printer), and a second display unit for acquiring, in

response to a user request for display of a second screen

in addition and different from the initial screen after

displaying the first information (double clicking may be used

to invoke another report, update a dialogue box, display a byte

map, etc.''; see col. 14, lines 54-56), a second information

different from the first information from the selected network

device and displaying a second information on the second screen;

also see col. 16, lines 54-63 (here when a browser button is

pressed information for a selected DMI object will be displayed

in a box)'.

Marlin does not teach using a device window with first and

second sheets with tabs for switching between the sheets. The

obvious ratioanale is the same as stated for claim 1 above.

As set forth in claim 3, Marlin et al disclose a computer-

readable recording medium storing a program for implementing an

acquiring method of acquiring information related to a

selected network device of a plurality of network devices, and a

displaying method of displaying acquired information, the

program (Marlin does this on the GUI display, see figs. 5 and 8,

col.9 line 65 to col.10 line 3), comprising: program code for a

frst display step of acquiring a first information related to

the selected network device and displaying the first information

on an initial screen of a device window, which is a window

allocated to the selected network device (col.14 lines 33-34);

and program code for a second display step of acquiring, in

response to a user request for display of a second screen

different from the initial screen after displaying the first

information ('Double clicking may be used to invoke another

report, update a dialogue box, display a byte map, etc.', see

col. 14, lines 54-56), a second information, in addition and

different from the first information, from the selected network

device and displaying the second information on the second

screen. (Marlin specifically displays a GUI that contains

columns and rows displaying the status of the network devices,

these devices are polled and the results are subsequently used

to update the status of the devices. Furthermore, each

of the menu definitions has a custom menu for each of the

functions that can also be displayed and updated; see col. 14,

lines 15-41, and lines 50-66, and col. 15, lines 1-66, also see

col. 16, lines 54-63 (here when a browser button is pressed

information for a selected DMI object will be displayed in a box

(window), in addition description can be gathered for the object

through the GUI, col. 1 5, lines 54-66.

Marlin does not teach using a device window with first and

second sheets with tabs for switching between the sheets.   The

obvious ratioanale is the same as stated for claim 1 above.

As set forth in claim 60, Marlin discloses a displaying

method wherein said first display step includes forming a list

of infonnation required for display of the initial screen,

acquiring listed information, and storing the acquired

information in memory; see col. 14, lines 15-41, and lines 50-

66, and col. 1 5, lines 1-66), also see col. 16, lines 54-63

(the information is arranged in columns and rows, as well as

having a tool bar located on the GUI, the GUI further has the

ability to bring up reports on an object by double clicking on a

location on the display; see col. 14, lines 52-56, in addition

description can be gathered for the object through the GUI, the

information is stored in a database the is updated periodically

or that can be queried when needed, Col. 15, lines54-66.

As set forth in claim 62, Marlin discloses a displaying

method wherein said first display step includes forming a list

of information required for display of the second screen,

aquiring listed information, and storing the acquired

information in memory; see col. 14, lines 15-41, and lines 50-

66, and col. 1 5, lines 1-66), also see col- 16, lines 54-63

(the information is arranged in columns and rows, as well as

having a tool bar located on the GUI, the GUI further has the

ability to bring the reports on an object by double clicking on

a location on the display; see col. 14, lines 52-56, in addition

description can be gathered for the object through the GUI, the

information is stored in a database the is updated periodically

or that can be queried when needed, Col. 15, lines 54-66.

As set forth in claim 64, Marlin discloses a displaying

method further comprising a determination step of determining

whether information is to be acquired from the selected

network device (each component has a Management information

format (MIF) file and is made available for responding to

management commands, this information for use with the system

can be dynamic information ("to obtain current values of

dynnmically changing attributes, the DMI makes available

llcomponent instrumentation"); code for acquiring the attribute

value from the source (see col. 13, 39-45) or a memory storing

information acquired from the selected network device (static

information can be obtained about the device, or the database

can be queried; see col. 14, lines 52-56, also see col. 5, lines

19-31.

As set forth in claim 65, Marlin discloses a displaying
method wherein said first display step or said second display
includes acquiring information from the selected network device,
if it is determined that information is to be acquired from the
selected network device, or acquiring information from the
memory, if it is determined that information is to be acquired
from the memory (each component has a Management information
format (MIF) file and is made available for responding to
management commands, this information for use with the system
can be dynamic information ("to obtain current values of
dynamically changing attributes, the DMI makes
available "Component instrumentation"); code for acquiring the
attribute value from the source (see col. 13, 39-45) or a memory
storing information acquired from the selected network device
(static information can be obtained about the device, or the
database can be queriedl; see col. 14,lines 52-56, also see col.
, lines 19-31.

As set forth in claim 66, Marlin discloses a displaying
method wherein said second display step is executed if a tab is
clicked on a device window; see col. 14, lines 42-49 (toolbar
and GUI discussed).

As set forth in claim 67, Marlin discloses a displaying
method wherein the initial screen is a screen that displays a

status of the selected network device, a screen that displays a

list of jobs, a screen that displays a manufacturer, a product

name, an installation location, a product version, or a toner

cartridge model, or a screen that displays information about a

network inteface board or information about a network protocol;

see col. 13, lines 9-59 (this passage discusses the getting

static and dynamic information about the component).

As set forth in daim 68, Marlin discloses a displaying

method wherein the second screen is a screen that displays a

status of the selected network device, a screen that displays a

list of jobs, a screen that displays a manufacturer, a product

nnme, an installation location, a product version, or a toner

cartridge model, or a screen that displays information about a

network interface board or information about a network protocol;

see col. 13, lines 9-59 (this passage discusses the getting

static and dynamic information about the component).

As set forth in claim 69, Marlin discloses a displaying

method further comprising a search step of searching for network

devices connected to a network and displaying a list of the

network devices, wherein said first display step is executed

when one of the network devices on the list is selected by a

user (a device can be queried, and polling will automatically

retrieve information about devices colmected to the network',
see col. 14, lines 15-40.

As set forth in claim 74, Marlin discloses an apparatus
further comprising a determination unit (such a device would be
present to determine whether a requested device is static or
dynamic information) for determining whether information is to
be acquired from the selected network device or a memory storing
information acquired from the selected network device (each
component has a Management information format (MIF) file and is
made available fof responding to management commands, this
information for use with the system can be dynamic information
or obtain current values of dynamillay changing attributes, the
DMI makes avaliable "component instrumentation" code for
aquiring the attribute value from the source. (See col. 13, 39-
45) or a memory storing information acquired from the selected
network device (static informtion can be obtained about the
device, or the database can be queried); see col. 14, lines 52-
56, also see col.5, lines 19-31.

As set forth in claim 75, Marlin discloses an apparatus
wherein said first display unit or said second display unit
acquires information from the selected network device, if it is
determined that information is to be acquired from the selected
network device, or acquires information from the memory, if it

is determined that information is to be acquired from the memory

(each component has a Management information format (MIF) file

and is made available for responding to management commands,

this information for use with the system can be dynamic

information to obtain current values of dynamically changing

attributes, the DMI makes avaliable "component instrumentation"

code for aquring the attribute value from the source. (See col.

13, 39-45) or a memory storing information acquired from the

selected network device (static informtion can be obtained about

the device, or the database can be queried); see col. 14, lines

52-56, also see col.5, lines 19-31.

As set forth in claim 77, Marlin discloses an apparatus

wherein the initial screen is a screen is a screen that displays

a status of the selected network device, a screen that displays

a list of jobs, a screen that displays a manufacturer, a product

nnme, an installation location, a product version, or a tone

cartridge model, or a screen that displays information about a

network interface board or information about a network protocol;

see col. 13, lines 9-59 (this passage discusses the getting

static and dynnmic information about the component).

As set forth in claim 78, Marlin discloses an apparatus,

wherein the second screen is a screen that displays status of

the selected network device, a screen that displays a list of

jobs, a screen that displays a manufactme, a product name, an

installation location, a product version, or a tone cartridge

model, or a screen that displays information about a network

interface board or information about a network protocol', see

col. 13, lines 9-59 (this passage discusses the getting static

and dynamic information about the component).

As set forth in claim 79, Marlin discloses an apparatus

further comprising: a search unit for searching for network

devices connected to a network; and a display for displaying a

list of the network devices, wherien said first display unit

executes acquisition of the first information when one of the

listed network devices is selected by a user (a device can be

queried, and polling will automatically retrieve information

about devices connected to the network; see col. 14, lines 15-

40).

As set forth in claim 84, Marlin discloses a recording

medium further comprising program code for a determination step

of determining step of determining whether information is to be

acquired from the selected network device or a memory storing

information acquired from the selected network device (each

component has a Management information format (MIF) file and is

made available for responding to management commands, this

information for use with the system can be dynamic information

to obtain current values of dynamically changing attributes, the

DMI makes available "component instrumentation" code for

acquiring the attribute value from the source. (See col. 13,

lines 39-45) or a memory storing information acquired from the

selected network device (static information can be obtained

about the device, or the database can be queried); see col. 14,

lines 52-56, also see col. 5, lines 19-31.

As set forth in claim 85, Marlin discloses a recording

medium wherein the first display step or the second display step

or the second display step includes acquiring information from

the selected network device, if it is determined that

information is to be acquired from the selected network device,

or acquiring information from the memory, if it is determined

that information is to be acquired from the memory (each

component has a Management information format (MIF)

file and is made available for responding to management

cornmands, this information for use with the system call be

dynamic information to obtain current values of dynamically

changing attributes, the DMI makes available "component

instrumentation" code for acquiring the attribute

value from the source. (See col. 13, 39-45) or a memory storing

information acquired from the selected network device (static

information can be obtained about the device, or the database

can be queried); see col. 14, lines 52-56, also see col. 5,

lines 19-31.

As set forth in claim 87, Marlin discloses a recording

medium wherein the initial screen is a screen that displays a

status of the selected network device, a screen that displays a

list of jobs, a screen that displays a manufacturer, a product

name, an installation location, a product version, or a toner

cartridge model, or a screen that displays information about a

network interface board or information about a network protocol;

see col. 13, lines 9-59 (this passage discusses the getting

static and dynamic information about the component).

As set forth in claim 88, Marlin discloses a recording

medium wherein the second screen is a screen that displays a

status of the selected network device, a screen that displays a

list of jobs, a screen that displays a manufacturer, a product

nnme, an installation location, a product version, or

a toner cartridge model, or a screen that displays information

about a network inteface board or information about a network

protocol, see col. 13, lines 9-59 (this passage discusses the

getting static and dynamic information about the component).

As set forth in claim 89, Marlin discloses a recording

medium further comprising: program code for a search step of

searching for network devices connected to a network; and

program code for a display step of displaying a list of the

network devices, wherein said first display step is

executed when one of the listed network devices is selected by a

user (a device can be queried, and polling will automatically

retrieve information about devices connected to the network; see
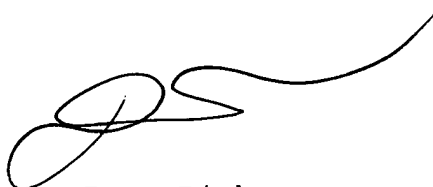
col. 14, lines 15-40).

Conclusion

Any inquiry concerning this communication or earlier
communications from the examiner should be directed to Dung Dinh
whose telephone number is (571) 272-3943. The examiner can
normally be reached on Monday-Thursday from 7:00 AM - 4:30 PM.
The examiner can also be reached on alternate Friday.

If attempts to reach the examiner by telephone are
unsuccessful, the examiner's supervisor, Glenton Burgess can be
reached at (571) 272-3949.

The fax phone number for the organization where this
application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be
obtained from the Patent Application Information Retrieval
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see http://pair-direct.uspto.gov. Should you have questions on
access to the Private PAIR system, contact the Electronic
Business Center (EBC) at 866-217-9197 (toll-free).

Dung Dinh
Primary Examiner
February 3, 2005